

## Appendix O

## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
<b>AP-1</b>								
Virginia								
Highland County								
	85.4	02080201	whia407f	PFO	0	<0.1	0.0	NA
	85.4	02080201	whia406f	PFO	49	0.1	<0.1	Open Cut
	88.3	02080201	whia403e	PEM	29	<0.1	0.0	Open Cut
	90.6	02080201	whia400e	PEM	2	<0.1	0.0	Open Cut
	91.3	02080201	whic121e	PEM	0	<0.1	0.0	NA
Bath County								
	94.8	02080201	nwi_va_e_002	PEM	0	<0.1	0.0	Open Cut
	95.5	02080201	nwi_va_e_003	PEM	0	<0.1	0.0	NA
	97.6	02080201	wbaa003f	PFO	1,233	2.1	0.8	Open Cut
	97.7	02080201	wbaa004e	PEM	155	0.3	0.0	Open Cut
	99.3	02080201	wbaa005f	PFO	16	<0.1	<0.1	Open Cut
	99.3	02080201	wbaa005f	PFO	52	0.1	<0.1	Open Cut
	99.3	02080201	wbaa005f	PFO	6	<0.1	<0.1	Open Cut
	100.6	02080201	wbaa002e	PEM	7	<0.1	0.0	Open Cut
	101.0	02080201	wbar009f	PFO	0	<0.1	<0.1	Open Cut
	101.2	02080201	wbaf001f	PFO	0	<0.1	<0.1	Open Cut
	101.2	02080201	wbaf001e	PEM	0	<0.1	0.0	Open Cut
	103.1	02080202	wbar004e	PEM	89	<0.1	0.0	Open Cut
	103.1	02080202	wbar003e	PEM	64	0.1	0.0	Open Cut
	103.2	02080202	wbar003e	PEM	0	<0.1	0.0	NA
	104.2	02080202	wbar001f	PFO	0	<0.1	<0.1	Open Cut
	104.8	02080202	nwi_va_k_006	PFO	126	0.2	0.1	Open Cut
	104.8	02080202	nwi_va_k_006	PFO	49	0.2	<0.1	Open Cut
	105.0	02080202	nwi_va_e_014	PFO	0	0.1	0.0	NA
	105.7	02080202	wbar007f	PFO	15	<0.1	<0.1	Open Cut
Augusta County								
	108.3	02080202	waur001f	PFO	14	<0.1	<0.1	Open Cut
	108.3	02080202	waur001e	PEM	78	0.1	0.0	Open Cut

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	108.3	02080202	waur001e	PEM	17	<0.1	0.0	Open Cut
	109.0	02080202	waua408e	PEM	0	<0.1	0.0	NA
	109.6	02080202	wauz007e	PEM	0	0.1	0.0	NA
	109.6	02080202	wauz006e	PEM	0	0.1	0.0	Open Cut
	109.7	02080202	wauz005e	PEM	9	<0.1	0.0	Open Cut
	109.8	02080202	wauz004e	PEM	10	<0.1	0.0	Open Cut
	110.2	02080202	wauc112e	PEM	35	0.1	0.0	Open Cut
	110.3	02080202	wauc113e	PEM	216	0.4	0.0	Open Cut
	111.1	02080202	wauy005e	PEM	174	0.2	0.0	Open Cut
	111.3	02080202	wauy004e	PEM	70	0.2	0.0	Open Cut
	112.0	02080202	wauc110e	PEM	19	<0.1	0.0	Open Cut
	113.1	02080202	waua402s	PSS	0	<0.1	0.0	NA
	113.1	02080202	waua402s	PSS	0	<0.1	0.0	NA
	113.1	02080202	wauz003e	PEM	0	<0.1	0.0	NA
	113.5	02080202	waua403e	PEM	6	<0.1	0.0	Open Cut
	115.4	02080202	waub100e	PEM	9	<0.1	0.0	Open Cut
	115.8	02080202	waub101e	PEM	15	<0.1	0.0	Open Cut
	115.8	02080202	waua411e	PEM	21	<0.1	0.0	Open Cut
	116.5	02080202	wauz001e	PEM	0	<0.1	0.0	NA
	116.5	02080202	wauz002e	PEM	0	<0.1	0.0	NA
	117.1	02080202	waua408f	PFO	12	<0.1	<0.1	Open Cut
	120.4	02070005	waua009s	PSS	0	<0.1	<0.1	Open Cut
	143.2	02070005	wauc101e	PEM	0	<0.1	0.0	NA
	143.2	02070005	waub001e	PEM	10	<0.1	0.0	Open Cut
	148.5	02070005	wauc102f	PFO	204	0.4	0.1	Open Cut
	148.6	02070005	wauc102f	PFO	385	0.7	0.3	Open Cut
	148.7	02070005	wauc102e	PEM	0	<0.1	0.0	NA
	150.8	02070005	wauc103f	PFO	0	<0.1	0.0	NA
	152.4	02070005	waub103f	PFO	282	0.5	0.2	Open Cut
	153.4	02070005	waua059f	PFO	3	<0.1	<0.1	Open Cut
	153.4	02070005	waua060f	PFO	0	<0.1	0.0	NA

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Nelson County	153.6	02070005	waua061f	PFO	43	0.1	<0.1	Open Cut
	153.6	02070005	waua061f	PFO	25	0.1	<0.1	Open Cut
	153.6	02070005	waua061f	PFO	45	0.1	<0.1	Open Cut
	154.6	02070005	waua410e	PEM	0	<0.1	0.0	NA
	156.0	02070005	waua053s	PSS	13	<0.1	<0.1	Open Cut
	156.0	02070005	waua053s	PSS	27	<0.1	<0.1	Open Cut
	156.2	02070005	waua052e	PEM	0	0.0	0.0	NA
	156.2	02070005	waua052e	PEM	0	<0.1	0.0	NA
	156.2	02070005	waua052e	PEM	20	0.1	0.0	Open Cut
	156.4	02070005	waua051e	PEM	20	<0.1	0.0	Open Cut
	156.4	02070005	waua051e	PEM	21	0.1	0.0	Open Cut
	156.9	02070005	waue001s	PSS	103	0.1	<0.1	Open Cut
	157.5	02070005	waua400f	PFO	128	0.3	0.1	Open Cut
	158.9	02080203	wnea020f	PFO	0	<0.1	0.0	NA
	165.5	02080203	wnec050e	PEM	29	<0.1	0.0	Open Cut
	165.5	02080203	wnec050e	PEM	0	<0.1	0.0	Open Cut
	166.2	02080203	wnea051f	PFO	24	<0.1	<0.1	Open Cut
	166.2	02080203	wnea051f	PFO	33	<0.1	<0.1	Open Cut
	166.3	02080203	wnea051f	PFO	0	<0.1	0.0	NA
171.0	02080203	wnez004s	PSS	0	<0.1	0.0	NA	
171.8	02080203	wnea402e	PEM	0	<0.1	0.0	Open Cut	
182.9	02080203	wnep001f	PFO	0	<0.1	0.0	NA	
184.5	02080203	wnea023f	PFO	10	<0.1	<0.1	HDD	
184.6	02080203	wnea022f	PFO	110	0.2	0.1	HDD	
Buckingham County	184.8	02080203	wbuc109f	PFO	281	0.9	0.2	Open Cut
	185.4	02080203	wbup007e	PEM	0	<0.1	0.0	NA
	186.8	02080203	wbuz002e	PEM	0	<0.1	0.0	Open Cut
	187.6	02080203	wbup005f	PFO	104	0.2	0.1	Open Cut
	188.2	02080203	wbup004f	PFO	26	<0.1	<0.1	Open Cut

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	188.2	02080203	wbup003f	PFO	0	<0.1	0.0	NA
	190.1	02080203	wbuc108f	PFO	25	0.1	<0.1	Open Cut
	190.6	02080203	wbua001f	PFO	56	0.1	<0.1	Open Cut
	190.7	02080203	wbua010f	PFO	0	<0.1	0.0	NA
	191.0	02080203	wbua002f	PFO	0	<0.1	0.0	NA
	191.0	02080203	wbua002f	PFO	15	<0.1	<0.1	Open Cut
	191.0	02080203	wbua002f	PFO	36	0.1	<0.1	Open Cut
	191.5	02080203	wbub050f	PFO	94	0.1	0.1	Open Cut
	191.9	02080203	wbub051s	PSS	34	0.1	<0.1	Open Cut
	193.5	02080203	wbuc003f	PFO	115	0.2	0.1	Open Cut
	194.1	02080203	wbuc004e	PEM	11	<0.1	0.0	Open Cut
	194.1	02080203	wbuc005f	PFO	0	<0.1	<0.1	Open Cut
	195.0	02080203	wbuk001e	PEM	24	<0.1	0.0	Open Cut
	196.1	02080203	wbuk005e	PEM	124	0.2	0.0	Open Cut
	196.1	02080203	wbuk005e	PEM	53	0.1	0.0	Open Cut
	197.5	02080203	wbuk007e	PEM	0	<0.1	0.0	Open Cut
	198.5	02080203	wbua200e	PEM	28	<0.1	0.0	Open Cut
	198.5	02080203	wbua201e	PEM	47	0.1	0.0	Open Cut
	198.5	02080203	wbua201f	PFO	68	0.1	<0.1	Open Cut
	200.1	02080203	wbul004s	PSS	29	0.1	<0.1	Open Cut
	200.5	02080203	wbup002e	PEM	132	0.2	0.0	Open Cut
	201.2	02080203	wbup001s	PSS	0	<0.1	<0.1	Open Cut
	201.2	02080203	wbup001f	PFO	30	<0.1	<0.1	Open Cut
	201.2	02080203	wbup001f	PFO	121	0.2	0.1	Open Cut
	201.2	02080203	wbup001s	PSS	0	<0.1	0.0	NA
	201.8	02080203	wbul005f	PFO	51	0.1	<0.1	Open Cut
	201.8	02080203	wbul005f	PFO	78	0.1	0.1	Open Cut
	203.6	02080205	wbul002f	PFO	171	0.3	0.1	Open Cut
	203.6	02080205	wbul002f	PFO	53	0.1	<0.1	Open Cut
	205.2	02080205	wbul003f	PFO	0	<0.1	0.0	NA
	206.6	02080205	wbul007f	PFO	0	<0.1	0.0	NA

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Cumberland County	206.9	02080205	wbul006f	PFO	35	0.1	<0.1	Open Cut
	206.9	02080205	wbul006f	PFO	46	0.1	<0.1	Open Cut
	207.8	02080205	wbua004f	PFO	14	<0.1	<0.1	Open Cut
	207.8	02080205	wbua004f	PFO	22	<0.1	<0.1	Open Cut
	208.8	02080205	wbua400f	PFO	0	<0.1	0.0	NA
	209.1	02080205	wbuk013f	PFO	0	<0.1	0.0	NA
	209.2	02080205	wbuk013f	PFO	0	<0.1	<0.1	Open Cut
	209.2	02080205	wbuk013f	PFO	28	0.1	<0.1	Open Cut
	209.4	02080205	wbuk016f	PFO	0	<0.1	0.0	NA
	209.5	02080205	wbuk017e	PEM	31	0.1	0.0	Open Cut
	209.5	02080205	wbuk018e	PEM	157	0.2	0.0	Open Cut
	210.1	02080205	wbuc104f2	PFO	210	0.4	0.1	Open Cut
	210.2	02080205	wbuc104f2	PFO	62	0.1	<0.1	Open Cut
	210.9	02080205	wbuk010f	PFO	68	0.1	<0.1	Open Cut
	211.7	02080205	wbua203e	PEM	0	<0.1	0.0	NA
	211.7	02080205	wbua401f	PFO	0	<0.1	0.0	NA
	211.7	02080205	wbua401f	PFO	0	<0.1	0.0	NA
	211.8	02080205	wbua402e	PEM	17	<0.1	0.0	Open Cut
	213.8	02080207	wcuk001f	PFO	19	<0.1	<0.1	Open Cut
	213.9	02080207	wcuk002f	PFO	0	0.1	0.0	NA
	214.5	02080207	wcuc001f	PFO	32	0.1	<0.1	Open Cut
	214.8	02080207	wcua400f	PFO	53	0.1	<0.1	Open Cut
	214.8	02080207	wcua400f	PFO	0	<0.1	0.0	NA
	215.0	02080207	wcuk014f	PFO	0	<0.1	0.0	NA
	215.4	02080207	wcuk016f	PFO	0	<0.1	0.0	NA
	216.0	02080207	wcuk017e	PEM	0	<0.1	0.0	NA
	218.2	02080207	wcuk012s	PSS	41	<0.1	<0.1	Open Cut
	218.7	02080207	wcuk011f	PFO	12	<0.1	<0.1	Open Cut
	218.7	02080207	wcuk011f	PFO	0	<0.1	<0.1	Open Cut
	218.7	02080207	wcuk011f	PFO	0	<0.1	0.0	NA

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Prince Edward County	218.7	02080207	wcuk011f	PFO	0	<0.1	0.0	NA
	219.5	02080207	wcuk008f	PFO	45	0.1	<0.1	Open Cut
	219.5	02080207	wcuk008f	PFO	10	<0.1	<0.1	Open Cut
	220.0	02080207	wcuc100e	PEM	0	<0.1	0.0	NA
	220.4	02080207	wcuk006e	PEM	18	<0.1	0.0	Open Cut
	220.5	02080207	wcuk006e	PEM	199	0.4	0.0	Open Cut
	220.7	02080207	wcuk005e	PEM	70	0.1	0.0	Open Cut
	221.7	02080207	wpek001e	PEM	90	0.1	0.0	Open Cut
	222.6	02080207	wpek002e	PEM	72	0.1	0.0	Open Cut
	223.1	02080207	wpea005f	PFO	309	0.5	0.2	Open Cut
	223.2	02080207	wpea005f	PFO	294	0.4	0.2	Open Cut
	223.9	02080207	wpea002f	PFO	0	<0.1	0.0	NA
	224.1	02080207	wpea003f	PFO	59	0.1	<0.1	Open Cut
	224.3	02080207	wpea004f	PFO	42	0.1	<0.1	Open Cut
	225.2	02080207	wpec001f	PFO	53	0.1	<0.1	Open Cut
	225.5	02080207	wpea006f	PFO	41	0.1	<0.1	Open Cut
	225.5	02080207	wpea006f	PFO	17	<0.1	<0.1	Open Cut
Nottoway County	226.0	02080207	wnok021s	PSS	25	<0.1	<0.1	Open Cut
	226.1	02080207	wnok022f	PFO	61	0.1	<0.1	Open Cut
	226.8	02080207	wnok001f	PFO	0	<0.1	0.0	NA
	227.2	02080207	wnok002f	PFO	30	<0.1	<0.1	Open Cut
	227.2	02080207	wnok002f	PFO	0	<0.1	0.0	NA
	228.3	02080207	wnok003f	PFO	0	<0.1	<0.1	Open Cut
	228.3	02080207	wnok003e	PEM	155	0.2	0.0	Open Cut
	228.8	02080207	wnok005f	PFO	44	0.1	<0.1	Open Cut
	229.2	02080207	wnok006e	PEM	153	0.3	0.0	Open Cut
	229.3	02080207	wnok007f	PFO	3	<0.1	<0.1	Open Cut
	229.9	02080207	wnok008f	PFO	7	<0.1	<0.1	Open Cut
	229.9	02080207	wnok008f	PFO	0	<0.1	<0.1	Open Cut

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	230.0	02080207	wnok009f	PFO	47	0.1	<0.1	Open Cut
	231.8	02080207	wnol001f	PFO	61	0.1	<0.1	Open Cut
	232.4	02080207	wnol003f	PFO	0	<0.1	0.0	NA
	232.7	02080207	wnok017f	PFO	30	0.1	<0.1	Open Cut
	232.7	02080207	wnok017e	PEM	56	0.1	0.0	Open Cut
	232.7	02080207	wnok017f	PFO	82	0.1	0.1	Open Cut
	232.8	02080207	wnok018s	PSS	0	<0.1	0.0	NA
	232.8	02080207	wnok018s	PSS	0	<0.1	0.0	NA
	233.4	02080207	wnok019f	PFO	24	<0.1	<0.1	Open Cut
	233.4	02080207	wnok019f	PFO	62	0.1	<0.1	Open Cut
	233.5	02080207	wnok020s	PSS	0	<0.1	<0.1	Open Cut
	233.5	02080207	wnok020f	PFO	33	0.1	<0.1	Open Cut
	235.2	02080207	wnom005e	PEM	0	<0.1	0.0	Open Cut
	235.5	02080207	wnom006f	PFO	190	0.2	0.1	Open Cut
	235.5	02080207	wnom006f	PFO	84	0.2	0.1	Open Cut
	236.0	02080207	wnok101f	PFO	274	0.4	0.2	Open Cut
	236.1	02080207	wnok100f	PFO	34	0.1	<0.1	Open Cut
	236.1	02080207	wnok100f	PFO	53	0.1	<0.1	Open Cut
	237.4	02080207	wnop001f	PFO	32	0.1	<0.1	Open Cut
	238.6	02080207	wnok010f	PFO	277	0.4	0.2	Open Cut
	238.6	02080207	wnok010e	PEM	0	<0.1	0.0	NA
	238.6	02080207	wnok010e	PEM	0	<0.1	0.0	NA
	238.8	02080207	wnok011e	PEM	21	<0.1	0.0	Open Cut
	238.8	02080207	wnok011e	PEM	29	<0.1	0.0	Open Cut
	238.8	02080207	wnok011e	PEM	0	<0.1	0.0	NA
	239.1	02080207	wnok012f	PFO	0	<0.1	<0.1	Open Cut
	240.0	02080207	wnok013e	PEM	11	<0.1	0.0	Open Cut
	240.5	02080207	wnok014s	PSS	242	0.3	0.1	Open Cut
	240.6	02080207	wnok016f	PFO	225	0.4	0.2	Open Cut
	241.4	02080207	wnoc100f	PFO	57	0.1	<0.1	Open Cut
	241.5	02080207	wnoc100f	PFO	356	0.6	0.2	Open Cut

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	241.6	02080207	wnoc100f	PFO	53	0.1	<0.1	Open Cut
	242.8	02080207	wnoc001f	PFO	360	0.6	0.2	Open Cut
	242.8	02080207	wnoc001e	PEM	0	<0.1	0.0	Open Cut
	242.9	02080207	wnoc001e	PEM	158	0.2	0.0	Open Cut
	242.9	02080207	wnoc001e	PEM	333	0.6	0.0	Open Cut
	243.0	02080207	wnoc001f	PFO	105	0.2	0.1	Open Cut
	244.1	02080207	wnos002f	PFO	396	0.7	0.3	Open Cut
	244.1	02080207	wnos002f	PFO	46	0.1	<0.1	Open Cut
	244.1	02080207	wnos002f	PFO	151	0.3	0.1	Open Cut
	244.9	02080207	wnos001f	PFO	19	<0.1	<0.1	Open Cut
	245.1	02080207	wnol006f	PFO	51	0.1	<0.1	Open Cut
	245.1	02080207	wnol006f	PFO	117	0.2	0.1	Open Cut
	245.4	02080207	wnoa010f	PFO	17	<0.1	<0.1	Open Cut
	245.6	02080207	wnol007f	PFO	111	0.2	0.1	Open Cut
	246.0	02080207	wnol008f	PFO	64	0.1	<0.1	Open Cut
	246.0	02080207	wnol008f	PFO	49	0.1	<0.1	Open Cut
	247.2	02080207	wnok024f	PFO	0	0.1	<0.1	Open Cut
	247.2	02080207	wnok025f	PFO	0	<0.1	<0.1	Open Cut
	247.7	03010201	wnom001e	PEM	0	<0.1	0.0	Open Cut
	247.7	03010201	wnom001e	PEM	0	<0.1	0.0	Open Cut
	247.8	03010201	wnom001e	PEM	0	0.0	0.0	NA
	247.8	03010201	wnom001e	PEM	10	<0.1	0.0	Open Cut
	247.8	03010201	wnom001e	PEM	42	<0.1	0.0	Open Cut
	247.8	03010201	wnom001e	PEM	0	<0.1	0.0	NA
	248.1	03010201	wnom002e	PEM	52	0.1	0.0	Open Cut
	248.1	03010201	wnom003f	PFO	30	0.1	<0.1	Open Cut
	248.2	03010201	wnom003f	PFO	10	<0.1	<0.1	Open Cut
	248.4	03010201	wnom003f	PFO	0	<0.1	0.0	NA
	248.4	03010201	wnom003f	PFO	0	0.1	0.0	NA
	248.6	03010201	wnom004f	PFO	7	<0.1	<0.1	Open Cut
	248.6	03010201	wnom004f	PFO	111	0.2	0.1	Open Cut



## Appendix O

## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
Dinwiddie County								
	249.1	03010201	wdim001f	PFO	53	0.1	<0.1	Open Cut
	249.1	03010201	wdim001e	PEM	59	0.1	0.0	Open Cut
	249.1	03010201	wdim001f	PFO	0	<0.1	0.0	NA
	249.2	03010201	wdim002s	PSS	60	0.1	<0.1	Open Cut
	249.5	03010201	wdim003e	PEM	9	<0.1	0.0	Open Cut
	249.6	03010201	wdim003e	PEM	135	0.2	0.0	Open Cut
	249.8	03010201	wdim004e	PEM	37	0.1	0.0	Open Cut
	249.9	03010201	wdim005s	PSS	0	<0.1	0.0	NA
	250.2	03010201	wdim006f	PFO	0	<0.1	<0.1	Open Cut
	250.2	03010201	wdim006f	PFO	51	0.1	<0.1	Open Cut
	250.2	03010201	wdim006f	PFO	0	<0.1	0.0	NA
	250.5	03010201	wdim007f	PFO	5	<0.1	<0.1	Open Cut
	250.5	03010201	wdim007f	PFO	12	<0.1	<0.1	Open Cut
	250.6	03010201	wdim011f	PFO	166	0.3	0.1	Open Cut
	251.2	03010201	wdim010f	PFO	11	<0.1	<0.1	Open Cut
	251.2	03010201	wdim010f	PFO	29	<0.1	<0.1	Open Cut
	251.4	03010201	wdim008e	PEM	7	<0.1	0.0	Open Cut
	251.5	03010201	wdim009e	PEM	58	0.1	0.0	Open Cut
	251.5	03010201	wdim009f	PFO	7	<0.1	<0.1	Open Cut
	251.5	03010201	wdim012f	PFO	82	0.1	<0.1	Open Cut
	252.0	03010201	wdim015f	PFO	54	0.1	0.1	Open Cut
	252.0	03010201	wdim015f	PFO	20	<0.1	<0.1	Open Cut
	252.1	03010201	wdim016f	PFO	7	<0.1	<0.1	Open Cut
	252.1	03010201	wdim016f	PFO	4	<0.1	<0.1	Open Cut
	252.6	03010201	wdim018f	PFO	61	0.1	<0.1	Open Cut
	252.7	03010201	wdim019f	PFO	14	<0.1	<0.1	Open Cut
	252.7	03010201	wdim019f	PFO	0	<0.1	0.0	NA
	252.7	03010201	wdim019f	PFO	18	0.1	<0.1	Open Cut
	252.9	03010201	wdim020f	PFO	30	0.1	<0.1	Open Cut
	253.1	03010201	wdim021f	PFO	24	<0.1	<0.1	Open Cut

## Appendix O

## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
Brunswick County	253.6	03010201	wdic013f	PFO	908	1.6	0.6	Open Cut
	253.8	03010201	wdic013f	PFO	515	0.8	0.4	Open Cut
	254.0	03010201	wdic011f	PFO	494	0.7	0.3	Open Cut
	254.3	03010201	wdic010f	PFO	29	0.1	<0.1	Open Cut
	254.5	03010201	wdic008e	PEM	0	<0.1	0.0	NA
	254.6	03010201	wdic007e	PEM	0	<0.1	0.0	NA
	254.6	03010201	wdib006f	PFO	75	0.1	0.1	Open Cut
	254.8	03010201	wdia006f	PFO	159	0.4	0.1	Open Cut
	255.4	03010201	wdib004f	PFO	30	<0.1	<0.1	Open Cut
	255.4	03010201	wdib005e	PEM	54	0.1	0.0	Open Cut
	255.5	03010201	wdib003s	PSS	48	0.1	<0.1	Open Cut
	255.7	03010201	wdib002s	PSS	156	0.3	<0.1	Open Cut
	255.9	03010201	wdib001f	PFO	105	0.1	0.1	Open Cut
	256.2	03010201	wdic006f	PFO	29	0.1	<0.1	Open Cut
	256.5	03010201	wdic004f	PFO	100	0.2	0.1	Open Cut
	256.7	03010201	wdio030f	PFO	0	<0.1	<0.1	Open Cut
	257.3	03010201	wdio028f	PFO	94	0.2	0.1	Open Cut
	257.8	03010201	wdia401f	PFO	16	0.1	<0.1	Open Cut
	259.3	03010201	wdic001f	PFO	77	0.1	<0.1	Open Cut
	259.3	03010201	wdic001f	PFO	158	0.3	0.1	Open Cut
	259.4	03010201	wdia400f	PFO	230	0.3	0.2	Open Cut
	259.7	03010201	wdio026f	PFO	0	<0.1	<0.1	Open Cut
	260.6	03010201	wdic003f	PFO	410	0.7	0.3	Open Cut
	260.7	03010201	wbrc003f	PFO	33	0.1	<0.1	Open Cut
	260.8	03010201	wbrc003f	PFO	80	0.1	0.1	Open Cut
	260.8	03010201	wbra201f	PFO	100	0.2	0.1	Open Cut
	261.3	03010201	wbrc001f	PFO	46	0.1	<0.1	Open Cut
	261.5	03010201	wbra202f	PFO	14	<0.1	<0.1	Open Cut
	261.5	03010201	wbra202f	PFO	17	<0.1	<0.1	Open Cut
	261.6	03010201	wbra400f	PFO	34	0.1	<0.1	Open Cut

## Appendix O

## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
	262.5	03010201	wbra203f	PFO	26	<0.1	<0.1	Open Cut
	262.5	03010201	wbra203f	PFO	125	0.2	0.1	Open Cut
	262.6	03010201	wbra203f	PFO	26	<0.1	<0.1	Open Cut
	262.8	03010201	wbra204f	PFO	242	0.3	0.2	Open Cut
	262.9	03010201	wbra204f	PFO	202	0.4	0.1	Open Cut
	262.9	03010201	wbra204f	PFO	0	0.0	0.0	NA
	264.2	03010201	wbrc050e	PEM	0	<0.1	0.0	Open Cut
	265.1	03010201	wbro003f	PFO	0	<0.1	0.0	NA
	265.4	03010201	wbro005f	PFO	0	<0.1	<0.1	Open Cut
	265.4	03010201	wbro005f	PFO	64	0.1	<0.1	Open Cut
	266.1	03010201	wbrr013f	PFO	0	<0.1	0.0	NA
	266.1	03010201	wbrr013f	PFO	0	<0.1	0.0	NA
	266.3	03010201	wbrr012f	PFO	36	<0.1	<0.1	Open Cut
	266.6	03010201	wbrr011s	PSS	160	0.3	<0.1	Open Cut
	266.7	03010201	wbrr010f	PFO	142	0.2	0.1	Open Cut
	266.8	03010201	wbrr010f	PFO	39	0.1	<0.1	Open Cut
	266.9	03010201	wbrr009e	PEM	4	<0.1	0.0	Open Cut
	266.9	03010201	wbrr014f	PFO	63	0.1	<0.1	Open Cut
	267.4	03010201	wbrr015s	PSS	56	0.1	<0.1	Open Cut
	267.4	03010201	wbrr015f	PFO	0	0.1	<0.1	Open Cut
	267.5	03010201	wbro010f	PFO	0	<0.1	0.0	NA
	267.8	03010201	wbro008f	PFO	0	<0.1	0.0	NA
	267.9	03010201	wbro009f	PFO	77	0.1	<0.1	Open Cut
	267.9	03010201	wbro009e	PEM	0	<0.1	0.0	Open Cut
	267.9	03010201	wbro009f	PFO	37	<0.1	<0.1	Open Cut
	267.9	03010201	wbro009e	PEM	0	<0.1	0.0	Open Cut
	269.4	03010201	nwi_va_b_061	PFO	113	0.2	0.1	Open Cut
	269.7	03010201	wbrr006f	PFO	0	<0.1	0.0	NA
	270.0	03010201	wbrr001f	PFO	12	<0.1	<0.1	Open Cut
	270.0	03010201	wbrr001f	PFO	10	<0.1	<0.1	Open Cut
	270.0	03010201	wbrr001e	PEM	0	<0.1	0.0	Open Cut

## Appendix O

## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
	270.2	03010201	wbrr002e	PEM	17	<0.1	0.0	Open Cut
	270.2	03010201	wbrr002f	PFO	97	0.1	<0.1	Open Cut
	270.5	03010201	wbrr003e	PEM	108	0.1	0.0	Open Cut
	270.5	03010201	wbrr003f	PFO	0	0.1	0.0	NA
	270.5	03010201	wbrr003e	PEM	15	<0.1	0.0	Open Cut
	270.6	03010201	wbrr003f	PFO	0	<0.1	0.0	NA
	271.8	03010201	wbrr005f	PFO	0	<0.1	<0.1	Open Cut
	271.8	03010201	wbrr005e	PEM	18	<0.1	0.0	Open Cut
	271.9	03010201	wbrr005e	PEM	23	0.1	0.0	Open Cut
	271.9	03010201	wbrr005f	PFO	351	0.5	0.2	Open Cut
	272.0	03010201	wbrr007f	PFO	19	<0.1	<0.1	Open Cut
	272.6	03010201	wbrr008e	PEM	35	<0.1	0.0	Open Cut
	272.9	03010201	wbro001e	PEM	0	<0.1	0.0	Open Cut
	273.0	03010201	wbro011f	PFO	0	<0.1	0.0	NA
	273.0	03010201	nwi_va_b_054	PFO	48	0.1	<0.1	Open Cut
	273.0	03010201	nwi_va_b_054	PFO	90	0.3	0.1	Open Cut
	274.3	03010201	wbrc101e	PEM	55	0.1	0.0	Open Cut
	274.3	03010201	wbrc101e	PEM	23	<0.1	0.0	Open Cut
	274.4	03010201	wbrc100e	PEM	94	0.1	0.0	Open Cut
	274.4	03010201	wbrc102e	PEM	21	<0.1	0.0	Open Cut
	274.6	03010204	wbrr016e	PEM	1,002	1.9	0.0	Open Cut
	274.9	03010204	nwi_va_b_045	PFO	385	0.7	0.3	Open Cut
	275.0	03010204	nwi_va_b_045	PFO	14	<0.1	<0.1	Open Cut
	275.5	03010204	wbro015e	PEM	71	0.1	0.0	Open Cut
	275.5	03010204	wbro015f	PFO	0	<0.1	0.0	NA
	275.5	03010204	wbro016e	PEM	122	0.2	0.0	Open Cut
	275.6	03010204	wbro017e	PEM	51	0.1	0.0	Open Cut
	275.9	03010204	wbrp002f	PFO	0	0.2	<0.1	Open Cut
	276.1	03010204	wbrp003f	PFO	27	0.2	<0.1	Open Cut
	276.1	03010204	wbrp003e	PEM	85	0.1	0.0	Open Cut
	276.1	03010204	wbrp003e	PEM	45	0.1	0.0	Open Cut

## Appendix O

## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
	276.1	03010204	wbrp003f	PFO	0	0.1	<0.1	Open Cut
	276.8	03010204	wbro018f	PFO	0	<0.1	0.0	NA
	277.0	03010204	wbro019e	PEM	10	<0.1	0.0	Open Cut
	277.0	03010204	wbro020f	PFO	0	<0.1	<0.1	Open Cut
	277.0	03010204	wbro020e	PEM	13	<0.1	0.0	Open Cut
	277.0	03010204	wbro020f	PFO	0	<0.1	<0.1	Open Cut
	277.0	03010204	wbro020e	PEM	32	<0.1	0.0	Open Cut
	277.6	03010204	wbrc103e	PEM	0	<0.1	0.0	NA
	277.6	03010204	wbrc103e	PEM	104	0.1	0.0	Open Cut
	277.7	03010204	wbrc104e	PEM	60	0.1	0.0	Open Cut
	278.9	03010204	wbro014e	PEM	28	<0.1	0.0	Open Cut
	279.2	03010204	wbrp001e	PEM	26	<0.1	0.0	Open Cut
	279.2	03010204	wbrp001f	PFO	0	<0.1	0.0	NA
	280.0	03010204	wbra217s	PSS	0	<0.1	0.0	NA
	280.1	03010204	wbra217s	PSS	0	<0.1	<0.1	Open Cut
	280.4	03010204	wbra216f	PFO	603	0.9	0.4	Open Cut
	280.5	03010204	wbra216f	PFO	0	<0.1	<0.1	Open Cut
	280.6	03010204	wbra215f	PFO	131	0.3	0.1	Open Cut
	281.0	03010201	wbra214f	PFO	0	<0.1	0.0	NA
	281.3	03010201	wbra213s	PSS	42	0.1	<0.1	Open Cut
	281.9	03010204	wbrb003f	PFO	10	<0.1	<0.1	Open Cut
	282.0	03010204	wbrb002f	PFO	73	0.1	<0.1	Open Cut
	282.1	03010204	wbrb001f	PFO	44	0.1	<0.1	Open Cut
	282.2	03010204	wbrb001f	PFO	202	0.3	0.1	Open Cut
	282.3	03010204	wbrb004f	PFO	93	0.1	0.1	Open Cut
	282.8	03010204	wbra002f	PFO	0	0.2	<0.1	Open Cut
	282.9	03010204	wbra001f	PFO	34	0.1	<0.1	Open Cut
	282.9	03010204	wbra001f	PFO	10	<0.1	<0.1	Open Cut
Greensville County	283.0	03010204	WVA-DDF-002	PFO	24	0.1	<0.1	Open Cut
	283.0	03010204	WVA-DDF-	PFO	386	0.7	0.3	Open Cut

## Appendix O

## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
			002					
	283.3	03010204	WVA-DDF-010	PFO	61	0.1	<0.1	Open Cut
	283.5	03010204	WVA-DDF-011	PEM	104	0.2	0.0	Open Cut
	283.9	03010204	wgra016f	PFO	72	0.1	<0.1	Open Cut
	284.1	03010204	wgra016f	PFO	81	0.2	0.1	Open Cut
	284.1	03010204	wgra016e	PEM	0	<0.1	0.0	NA
	284.2	03010204	wgra016f	PFO	16	<0.1	<0.1	Open Cut
	284.2	03010204	wgra016f	PFO	34	0.1	<0.1	Open Cut
	284.4	03010204	WVA-RDK-002	PSS	0	<0.1	0.0	NA
	284.5	03010204	WVA-RDK-001	PSS	1,109	1.9	0.3	Open Cut
	285.0	03010204	wgrc108f	PFO	0	<0.1	0.0	NA
	285.0	03010204	wgrc108f	PFO	0	<0.1	0.0	NA
	285.4	03010204	wgra040f	PFO	0	0.1	0.0	NA
	285.9	03010204	wgra013f	PFO	27	<0.1	<0.1	Open Cut
	285.9	03010204	wgra013f	PFO	35	0.1	<0.1	Open Cut
	286.2	03010204	wgra014f	PFO	0	<0.1	0.0	NA
	286.2	03010204	wgra014f	PFO	0	<0.1	0.0	NA
	286.3	03010204	wgra015f	PFO	46	0.1	<0.1	Open Cut
	286.4	03010204	wgra008f	PFO	334	0.6	0.2	Open Cut
	286.5	03010204	wgra008e	PEM	104	0.2	0.0	Open Cut
	286.8	03010204	wgra009f	PFO	294	0.5	0.2	Open Cut
	287.6	03010204	wgra039f	PFO	216	0.6	0.2	Open Cut
	287.8	03010204	wgra011f1	PFO	261	0.4	0.2	Open Cut
	287.8	03010204	wgra011f2	PFO	376	0.7	0.3	Open Cut
	288.2	03010204	wgra001f	PFO	118	0.2	0.1	Open Cut
	288.5	03010204	wgra002f	PFO	59	0.1	<0.1	Open Cut
	288.5	03010204	wgra002f	PFO	285	0.4	0.2	Open Cut
	288.8	03010204	wgra002f	PFO	206	0.3	0.1	Open Cut
	289.1	03010204	wgrc109s	PSS	19	<0.1	<0.1	Open Cut
	290.1	03010204	wgrc010e	PEM	471	0.8	0.0	Open Cut

## Appendix O

## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
	290.2	03010204	wgrc011f	PFO	40	0.1	<0.1	Open Cut
	290.2	03010204	wgrc011f	PFO	10	<0.1	<0.1	Open Cut
	290.4	03010204	wgrc009f	PFO	511	0.8	0.3	Open Cut
	291.4	03010204	wgra003f	PFO	28	0.1	<0.1	Open Cut
	292.4	03010204	wgra012s	PSS	2,443	0.6	0.1	Open Cut
	293.8	03010204	wgro002f	PFO	32	<0.1	<0.1	Open Cut
	294.0	03010204	wgro003f	PFO	91	0.1	0.1	Open Cut
	294.0	03010204	wgro003f	PFO	918	1.5	0.6	Open Cut
	294.2	03010204	wgro003f	PFO	110	0.2	0.1	Open Cut
	295.6	03010204	wgrb003f	PFO	368	0.6	0.3	Open Cut
	295.7	03010204	wgrb003f	PFO	239	0.4	0.2	Open Cut
	295.9	03010204	wgrp004f	PFO	138	0.3	0.1	Open Cut
	296.1	03010204	wgrp003f	PFO	78	0.1	0.1	Open Cut
	296.8	03010204	wgrb001f	PFO	242	0.4	0.2	Open Cut
	296.9	03010204	wgrb002f	PFO	772	1.3	0.5	Open Cut
	297.4	03010204	wgrb002f	PFO	159	0.2	0.1	Open Cut
	297.5	03010204	wgrc012f	PEM	148	0.3	0.0	Open Cut
	297.7	03010204	wgra034s	PSS	580	0.8	0.1	Open Cut
	297.8	03010204	wgra034e	PEM	373	0.9	0.0	Open Cut
	297.9	03010204	wgra033f	PFO	1,919	3.3	1.3	Open Cut
	298.3	03010204	nwi_va_a_011	PFO	105	0.2	0.1	Open Cut
	298.4	03010204	nwi_va_a_010	PFO	0	<0.1	<0.1	Open Cut
	298.4	03010204	nwi_va_a_009	PFO	24	0.1	<0.1	Open Cut
	298.4	03010204	wgra031f	PFO	172	0.2	0.1	Open Cut
	298.4	03010204	nwi_va_a_008	PFO	0	<0.1	0.0	NA
	298.4	03010204	wgra030f	PFO	153	0.3	0.1	Open Cut
	298.5	03010204	nwi_va_a_006	PFO	0	0.1	0.0	NA
	298.6	03010204	wgra029f	PFO	101	0.2	0.1	Open Cut
	298.7	03010204	wgrp005s	PSS	803	1.4	0.2	Open Cut
	299.3	03010204	wgrp006s	PSS	561	1.0	0.1	Open Cut
	299.4	03010204	wgrp006s	PSS	657	1.1	0.1	Open Cut

## Appendix O

## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
<b>AP-3</b>	299.6	03010204	wgrp006f	PFO	217	0.4	0.1	Open Cut
	299.6	03010204	wgrp006f	PFO	1,094	1.9	0.7	Open Cut
	292.9	03010204	nwi_va_o_001	PEM	0	<0.1	0.0	NA
Virginia								
Greensville County								
	12.3	03010204	wgrp001f	PFO	497	0.9	0.3	Open Cut
Southampton County								
	12.4	03010204	wsop004f	PFO	1,359	2.3	0.9	Open Cut
	12.9	03010204	wsop004f	PFO	658	1.2	0.5	Open Cut
	13.4	03010204	wsop001f	PFO	111	0.2	0.1	Open Cut
	13.5	03010204	wsop001f	PFO	3,446	6.1	2.4	Open Cut
	14.3	03010204	wsop006s	PSS	263	0.7	0.1	Open Cut
	14.3	03010204	wsop006e	PEM	437	0.5	0.0	Open Cut
	14.4	03010204	wsop006f	PFO	0	<0.1	0.0	NA
	14.4	03010204	wsop006e	PEM	73	1.7	0.0	Open Cut
	14.4	03010204	wsop006f	PFO	3,635	4.6	1.7	Open Cut
	14.5	03010204	wsop006f	PFO	0	<0.1	0.0	NA
	15.2	03010204	wsop022e	PEM	120	0.1	0.0	Open Cut
	15.2	03010204	wsop022f	PFO	0	0.1	<0.1	Open Cut
	15.3	03010204	wsop023f	PFO	1,024	1.4	0.5	Open Cut
	15.4	03010204	wsop023e	PEM	0	0.4	0.0	Open Cut
	15.6	03010204	wsor001e	PEM	765	1.1	0.0	Open Cut
	16.3	03010204	wsoo007f	PFO	0	0.1	<0.1	Open Cut
	16.5	03010204	wsoo001f	PFO	83	0.2	0.1	Open Cut
	16.5	03010204	wsoo001f	PFO	86	0.1	0.1	Open Cut
	16.8	03010204	wsop015e	PEM	262	0.3	0.0	Open Cut
	16.8	03010204	wsop015f	PFO	0	0.1	0.0	NA
	17.0	03010204	wsop016e	PEM	187	0.2	0.0	Open Cut
	17.0	03010204	wsop016f	PFO	0	0.2	<0.1	Open Cut
	17.1	03010204	wsop017e	PEM	1,184	1.6	0.0	Open Cut



## Appendix O

## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
	17.2	03010204	wsop017f	PFO	0	0.4	0.0	NA
	17.3	03010204	wsop017f	PFO	0	<0.1	0.0	NA
	17.7	03010204	wsop018f	PFO	1,061	1.8	0.7	Open Cut
	17.7	03010204	nwi_va_n_003	PFO	0	<0.1	0.0	NA
	17.8	03010204	wsop018e	PEM	0	0.1	0.0	Open Cut
	18.0	03010204	wsop018f	PFO	489	0.8	0.3	Open Cut
	18.0	03010204	wsop018e	PEM	0	<0.1	0.0	NA
	18.1	03010204	wsoa073e	PEM	157	0.2	0.0	Open Cut
	18.2	03010204	wsoa073f	PFO	0	0.1	<0.1	Open Cut
	18.3	03010204	wsoa072e	PEM	152	0.2	0.0	Open Cut
	18.3	03010204	wsoa072f	PFO	0	0.1	<0.1	Open Cut
	18.4	03010204	wsoa071e	PEM	760	0.6	0.0	Open Cut
	18.4	03010204	wsoa071f	PFO	61	0.2	0.1	Open Cut
	18.5	03010204	wsoa071f	PFO	75	0.5	0.1	Open Cut
	19.0	03010204	wsoa070f	PFO	46	0.1	<0.1	Open Cut
	19.0	03010204	wsoa070f	PFO	37	0.1	<0.1	Open Cut
	19.2	03010204	wsoo002e	PFO	96	0.2	0.1	Open Cut
	19.2	03010204	wsoo002e	PFO	100	0.2	0.1	Open Cut
	20.0	03010204	wsop014e	PEM	39	<0.1	0.0	Open Cut
	20.0	03010204	wsop014e	PEM	10	<0.1	0.0	Open Cut
	20.4	03010204	wsop013e	PEM	0	<0.1	0.0	Open Cut
	20.4	03010204	wsop013f	PFO	52	0.1	<0.1	Open Cut
	20.7	03010204	wsop012f	PFO	110	0.1	0.1	Open Cut
	20.7	03010204	wsop012e	PEM	0	<0.1	0.0	Open Cut
	20.7	03010204	wsop012f	PFO	12	0.1	<0.1	Open Cut
	20.7	03010204	wsop012e	PEM	0	<0.1	0.0	Open Cut
	20.8	03010204	wsop011e	PEM	67	0.1	0.0	Open Cut
	20.8	03010204	wsop011f	PFO	205	0.4	0.1	Open Cut
	21.0	03010204	wsop011e	PEM	0	<0.1	0.0	Open Cut
	21.0	03010204	wsop011e	PEM	0	<0.1	0.0	Open Cut
	21.1	03010204	wsop011e	PEM	0	0.1	0.0	Open Cut

## Appendix O

## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
	21.1	03010204	wsop011e	PEM	0	<0.1	0.0	NA
	21.3	03010204	wsoa076e	PEM	107	0.1	0.0	Open Cut
	21.3	03010204	wsoa076e	PEM	37	<0.1	0.0	Open Cut
	21.3	03010204	wsoa076f	PFO	0	<0.1	<0.1	Open Cut
	21.3	03010204	wsoa076e	PEM	152	0.1	0.0	Open Cut
	21.3	03010204	wsoa076f	PFO	0	0.2	<0.1	Open Cut
	21.5	03010204	wsoa075e	PEM	1,063	0.7	0.0	Open Cut
	21.6	03010204	wsoa075f	PFO	0	0.9	0.3	Open Cut
	21.7	03010204	wsoa075e	PEM	224	0.2	0.0	Open Cut
	21.8	03010204	wsoa075f	PFO	0	<0.1	<0.1	Open Cut
	21.8	03010204	wsoa075f	PFO	135	0.4	0.1	Open Cut
	22.3	03010204	wsoa074e	PEM	20	<0.1	0.0	Open Cut
	22.8	03010201	wsoa032f	PFO	300	0.3	0.2	Open Cut
	23.0	03010201	wsoa031f	PFO	74	0.1	0.1	Open Cut
	23.5	03010201	wsoa005f	PFO	31	0.1	<0.1	Open Cut
	23.7	03010201	wsoo003f	PFO	332	0.5	0.2	Open Cut
	24.5	03010201	wsoo008f	PFO	0	<0.1	0.0	NA
	24.9	03010201	wsoo009f	PFO	0	<0.1	<0.1	Open Cut
	25.1	03010201	wsop021f	PFO	77	0.1	0.1	Open Cut
	25.3	03010201	wsop020f	PFO	275	0.5	0.2	Open Cut
	25.4	03010201	wsop019f	PFO	68	0.2	<0.1	Open Cut
	26.6	03010201	wsoo006e	PEM	0	<0.1	0.0	Open Cut
	26.6	03010201	wsoo006f	PFO	45	<0.1	<0.1	Open Cut
	27.3	03010201	wsol009f	PFO	232	0.4	0.2	Open Cut
	27.4	03010201	wsol009f	PFO	236	0.4	0.2	Open Cut
	27.7	03010201	wsol010f	PFO	301	0.6	0.2	Open Cut
	27.7	03010201	wsol010e	PEM	206	0.3	0.0	Open Cut
	27.9	03010201	wsol011e	PEM	35	0.1	0.0	Open Cut
	28.1	03010201	wsol012f	PFO	521	0.9	0.4	Open Cut
	28.3	03010201	wsol014f	PFO	131	0.2	0.1	Open Cut
	28.6	03010201	wsop100f	PFO	140	0.2	0.1	Open Cut

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## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
	28.7	03010201	wsol015f	PFO	66	0.1	<0.1	Open Cut
	29.2	03010201	wsol016f	PFO	76	0.1	0.1	Open Cut
	29.4	03010201	wsol017s	PSS	207	0.5	<0.1	Open Cut
	29.5	03010201	wsol018f	PFO	208	0.3	0.1	Open Cut
	29.7	03010201	wsoc009f	PFO	48	0.1	<0.1	Open Cut
	30.0	03010201	wsol019e	PEM	209	0.3	0.0	Open Cut
	30.0	03010201	wsol019f	PFO	254	0.5	0.2	Open Cut
	30.1	03010201	wsol020f	PFO	453	0.7	0.3	Open Cut
	30.7	03010201	wsoa017f	PFO	227	0.4	0.2	Open Cut
	31.8	03010201	wsoa020f	PFO	503	0.8	0.3	Open Cut
	32.1	03010201	wsol031f	PFO	121	0.2	0.1	Open Cut
	32.1	03010201	wsol031f	PFO	327	0.6	0.2	Open Cut
	32.3	03010201	wsol030f	PFO	301	0.5	0.2	Open Cut
	32.3	03010201	wsol029f	PFO	153	0.3	0.1	Open Cut
	32.4	03010201	wsol029s	PSS	196	0.3	<0.1	Open Cut
	32.5	03010201	wsol028s	PSS	47	0.1	<0.1	Open Cut
	32.5	03010201	wsol027f	PFO	149	0.5	0.1	Open Cut
	32.5	03010201	wsol027f	PFO	0	<0.1	0.0	NA
	32.6	03010201	wsol026f	PFO	113	0.1	0.1	HDD
	32.6	03010201	wsol021f	PFO	728	0.8	0.5	HDD
	33.0	03010201	wsol022f	PFO	52	0.1	<0.1	Open Cut
	33.5	03010201	wsoa026e	PEM	32	0.1	0.0	Open Cut
	33.6	03010201	wsoa027s	PSS	141	0.2	<0.1	Open Cut
	33.7	03010201	wsoa028f	PFO	254	0.4	0.2	Open Cut
	34.6	03010201	wsoo010f	PFO	6	<0.1	<0.1	Open Cut
	34.9	03010201	wsol025f2	PFO	1,081	1.8	0.7	Open Cut
	35.1	03010201	wsol025f1	PFO	54	0.1	<0.1	Open Cut
	35.1	03010201	wsol025s	PSS	469	0.8	0.1	Open Cut
	35.2	03010201	wsol024s	PSS	507	0.9	0.1	Open Cut
	35.4	03010201	wsol023s	PSS	1,232	2.1	0.3	Open Cut
	35.6	03010201	wsol023f	PFO	292	0.5	0.2	Open Cut

## Appendix O

## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
City of Suffolk	35.7	03010201	wsol023f	PFO	754	1.3	0.5	Open Cut
	35.8	03010202	wsoa025e	PEM	27	0.1	0.0	Open Cut
	37.0	03010202	wsol033e	PEM	433	0.7	0.0	Open Cut
	37.3	03010202	wsol034f	PFO	172	0.3	0.1	Open Cut
	37.4	03010202	wsoa023f	PFO	804	1.4	0.6	Open Cut
	37.6	03010202	wsoc008f	PFO	105	0.1	0.1	Open Cut
	37.7	03010202	wsoc017f	PFO	111	0.2	0.1	Open Cut
	37.8	03010202	wsoa022f	PFO	95	0.2	0.1	Open Cut
	38.1	03010202	wsoa021f	PFO	74	0.1	0.1	Open Cut
	38.1	03010202	wsoa021f	PFO	563	1.0	0.4	Open Cut
	38.4	03010202	wsoa024f	PFO	1,093	1.2	0.8	HDD
	38.6	03010202	wsoa024f	PFO	15	<0.1	<0.1	HDD
	38.6	03010202	wsua006f	PFO	209	0.2	0.1	HDD
	39.1	03010202	wsua007s	PSS	50	0.1	<0.1	Open Cut
	39.4	03010202	wsua008f	PFO	44	0.2	<0.1	Open Cut
	39.4	03010202	wsua008f	PFO	96	0.2	0.1	Open Cut
	39.5	03010202	wsua021f	PFO	39	0.1	<0.1	Open Cut
	39.5	03010202	wsua021f	PFO	234	0.4	0.2	Open Cut
	39.6	03010202	wsua021f	PFO	213	0.3	0.1	Open Cut
	39.7	03010202	wsua020f	PFO	25	<0.1	<0.1	Open Cut
	39.7	03010202	wsua020f	PFO	12	<0.1	<0.1	Open Cut
	39.7	03010202	wsua019s	PSS	111	0.2	<0.1	Open Cut
	39.9	03010202	wsua018s	PSS	33	<0.1	<0.1	Open Cut
	40.0	03010202	wsua009f	PFO	32	0.1	<0.1	Open Cut
	40.1	03010202	wsua010f	PFO	62	0.1	<0.1	Open Cut
	40.1	03010202	wsua010f	PFO	31	<0.1	<0.1	Open Cut
	40.2	03010202	wsua010f	PFO	62	0.1	<0.1	Open Cut
	40.2	03010202	wsua010f	PFO	38	0.1	<0.1	Open Cut
	41.0	03010202	wsua072f	PFO	68	0.1	<0.1	Open Cut
	41.1	03010202	wsua070f	PFO	83	0.2	0.1	Open Cut

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## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
	41.2	03010202	wsua071f	PFO	490	0.8	0.3	Open Cut
	41.4	03010202	wsuo037f	PFO	32	0.1	<0.1	Open Cut
	41.4	03010202	wsuo037f	PFO	72	0.1	0.1	Open Cut
	42.2	03010202	wsuo013f	PFO	89	0.1	0.1	Open Cut
	42.3	03010202	wsuo013f	PFO	172	0.3	0.1	Open Cut
	42.3	03010202	wsuo013f	PFO	156	0.3	0.1	Open Cut
	42.7	03010202	wsuo012f	PFO	107	0.2	0.1	Open Cut
	43.1	03010202	wsup030e	PEM	11	<0.1	0.0	Open Cut
	43.7	03010202	wsup014e	PEM	26	<0.1	0.0	Open Cut
	43.7	03010202	wsup014f	PFO	0	<0.1	<0.1	Open Cut
	43.8	03010202	wsup013e	PEM	490	0.8	0.0	Open Cut
	43.9	03010202	wsup013f	PFO	0	0.3	0.1	Open Cut
	43.9	03010202	wsup013f	PFO	94	0.2	0.1	Open Cut
	44.0	03010202	wsup013f	PFO	200	0.2	0.1	Open Cut
	44.0	03010202	wsup013f	PFO	184	0.1	0.1	Open Cut
	44.2	03010202	wsup026e	PEM	483	0.8	0.0	Open Cut
	44.2	03010202	wsup026f	PFO	0	0.1	<0.1	Open Cut
	44.3	03010202	wsup026f	PFO	0	<0.1	<0.1	Open Cut
	44.5	03010202	wsup025f	PFO	336	0.6	0.3	Open Cut
	44.6	03010202	wsup025f	PFO	0	0.1	0.0	NA
	44.6	03010202	wsup025e	PEM	31	<0.1	0.0	Open Cut
	44.6	03010202	wsup025e	PEM	0	<0.1	0.0	NA
	44.6	03010202	wsuo017f	PFO	287	0.5	0.2	Open Cut
	45.1	03010202	wsuo020f	PFO	62	0.1	<0.1	Open Cut
	45.1	03010202	wsuo020f	PFO	28	0.1	<0.1	Open Cut
	45.5	03010202	wsua076f	PFO	562	1.0	0.4	Open Cut
	45.6	03010202	wsua076e	PEM	82	0.1	0.0	Open Cut
	46.1	03010202	wsua074e	PEM	2	<0.1	0.0	Open Cut
	46.1	03010202	wsua074e	PEM	11	<0.1	0.0	Open Cut
	46.2	03010202	wsua073f	PFO	1,525	2.7	1.0	Open Cut
	46.5	03010203	wsuc101f	PFO	2,347	4.0	1.6	Open Cut

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## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
	47.0	03010203	wsuc101e	PEM	72	0.1	0.0	Open Cut
	47.0	03010203	wsuc101f	PFO	118	0.2	0.1	Open Cut
	47.0	03010203	wsuc101f	PFO	783	1.4	0.5	Open Cut
	47.2	03010203	wsuc101s	PSS	332	0.6	0.1	Open Cut
	47.3	03010203	wsuc100f	PFO	235	0.4	0.2	Open Cut
	47.3	03010203	wsuc100s	PSS	281	0.5	0.1	Open Cut
	47.4	03010203	wsuc100f	PFO	604	1.0	0.4	Open Cut
	47.5	03010203	wsuc005f	PFO	801	2.2	0.6	Open Cut
	47.6	03010203	wsuc005s	PSS	1,556	1.8	0.4	Open Cut
	48.1	03010203	wsuc006e	PEM	293	0.2	0.0	Open Cut
	48.1	03010203	wsuc006f	PFO	0	0.3	0.1	Open Cut
	48.6	03010203	wsuc007e	PEM	470	0.8	0.0	Open Cut
	49.3	03010203	nwi_va_b_047	PFO	241	0.4	0.2	Open Cut
	49.4	03010203	nwi_va_b_048	PFO	800	1.5	0.6	Open Cut
	49.6	03010203	wsuo027f	PFO	218	0.3	0.2	Open Cut
	49.7	03010203	wsuo027e	PEM	141	0.2	0.0	Open Cut
	49.7	03010203	wsuo027f	PFO	0	<0.1	0.0	NA
	49.7	03010203	wsuo027f	PFO	28	<0.1	<0.1	Open Cut
	49.8	03010203	wsuo026f	PFO	113	0.2	0.1	Open Cut
	49.9	03010203	wsuo026f	PFO	76	0.2	0.1	Open Cut
	50.0	03010203	wsuo025f	PFO	1,167	2.0	0.8	Open Cut
	50.4	03010203	wsuo024f	PFO	0	<0.1	0.0	NA
	50.5	03010203	wsuo024f	PFO	56	0.1	<0.1	Open Cut
	50.5	03010203	wsuo024f	PFO	25	0.1	<0.1	Open Cut
	50.8	03010203	wsuo022f	PFO	2,402	4.1	1.7	Open Cut
	51.4	03010203	wsuo023f	PFO	866	1.6	0.6	Open Cut
	52.1	03010203	wsup037f	PFO	142	0.2	0.1	Open Cut
	52.3	03010203	wsup021f	PFO	420	0.8	0.3	Open Cut
	52.6	03010203	wsup024s	PSS	59	0.1	<0.1	Open Cut
	52.6	03010203	wsup024s	PSS	112	0.2	<0.1	Open Cut
	52.6	03010203	wsup024s	PSS	0	<0.1	<0.1	Open Cut

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## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
	52.6	03010203	wsup024f	PFO	90	0.1	0.1	Open Cut
	52.7	03010203	wsup023f	PFO	259	0.4	0.2	Open Cut
	52.8	03010203	wsup022f	PFO	1,350	2.3	0.9	Open Cut
	53.0	02080208	wsup022s	PSS	2,744	4.7	0.6	Open Cut
	53.6	02080208	wsuo039f	PFO	21	<0.1	<0.1	Open Cut
	53.9	02080208	wsup027s	PSS	2,052	3.5	0.5	Open Cut
	54.4	02080208	wsup028s	PSS	359	0.6	0.1	Open Cut
	54.5	02080208	wsup028f	PFO	85	0.1	0.1	Open Cut
	54.6	02080208	wsup029f	PFO	203	0.3	0.1	Open Cut
	54.6	02080208	nwi_va_n_006	PFO	32	0.1	<0.1	Open Cut
	54.6	02080208	wsur007f	PFO	49	0.1	<0.1	Open Cut
	54.7	02080208	wsur008f	PFO	0	0.1	<0.1	Open Cut
	54.9	02080208	wsuo047f	PFO	795	1.4	0.5	Open Cut
	55.1	02080208	wsuo046f	PFO	145	0.3	0.1	Open Cut
	55.2	02080208	wsuo046e	PEM	21	<0.1	0.0	Open Cut
	55.2	02080208	wsuo045f	PFO	319	0.6	0.2	Open Cut
	55.4	02080208	wsuo044f	PFO	13	<0.1	<0.1	Open Cut
	55.4	02080208	wsuo044f	PFO	34	0.1	<0.1	Open Cut
	56.1	02080208	wsup032f	PFO	856	1.4	0.6	Open Cut
	56.3	02080208	wsup032f	PFO	143	0.2	0.1	Open Cut
	56.3	02080208	wsup033f	PFO	76	0.1	<0.1	Open Cut
	56.4	02080208	wsup034e	PEM	21	0.1	0.0	Open Cut
	56.4	02080208	wsup034e	PEM	131	0.2	0.0	Open Cut
	56.6	02080208	wsup035f	PFO	0	<0.1	<0.1	Open Cut
	56.7	02080208	wsup035f	PFO	80	0.1	0.1	Open Cut
	57.4	02080208	wsup038f	PFO	135	0.2	0.1	Open Cut
	57.5	02080208	wsuo032f	PFO	441	0.8	0.3	Open Cut
	57.9	02080208	wsuo033f	PFO	465	0.8	0.3	Open Cut
	59.3	02080208	wsuo034f	PFO	37	0.1	<0.1	Open Cut
	59.3	02080208	wsuo034f	PFO	0	<0.1	0.0	NA
	59.4	02080208	wsuo035f	PFO	63	0.1	<0.1	Open Cut

## Appendix O

## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
	59.4	02080208	wsuo035f	PFO	44	0.1	<0.1	Open Cut
	59.4	02080208	wsuo035f	PFO	37	<0.1	<0.1	Open Cut
	62.7	02080208	wsuo041f	PFO	0	<0.1	0.0	NA
	62.7	02080208	wsuo041f	PFO	3	<0.1	<0.1	Open Cut
	62.7	02080208	wsuo041f	PFO	21	<0.1	<0.1	Open Cut
	63.0	02080208	wsuo042f	PFO	52	0.1	<0.1	Open Cut
	63.0	02080208	wsuo042f	PFO	32	<0.1	<0.1	Open Cut
	63.6	02080208	wsup015f	PFO	50	0.1	0.1	HDD
	63.6	02080208	wsup015e	PEM	20	<0.1	0.0	HDD
	63.6	02080208	nwi_va_c_001	E2E	1,938	2.2	0.0	HDD
	64.0	02080208	wsup018e	PEM	50	0.1	0.0	HDD
	64.3	02080208	wsup016e	PEM	37	<0.1	0.0	HDD
	64.3	02080208	nwi_va_c_002	E2E	297	0.3	0.0	HDD
	64.4	02080208	nwi_va_c_005	E2U	1,864	2.1	0.0	HDD
	64.8	02080208	wsuc112e	PEM	349	0.4	0.0	HDD
	66.1	02080208	wsuo043e	PEM	711	0.6	0.0	Open Cut
	66.2	02080208	wsuo043f	PFO	0	0.7	0.1	Open Cut
	66.3	02080208	wsuo018e	PEM	3,487	2.5	0.0	Open Cut
	66.4	02080208	wsuo018f	PFO	0	0.3	<0.1	Open Cut
	66.7	02080208	wsuo018s	PSS	0	3.0	0.0	Open Cut
	67.0	02080208	wsuo019e	PEM	2,181	1.8	0.0	Open Cut
	67.2	02080208	wsuo019s	PSS	1,066	3.8	0.3	Open Cut
	68.1	02080208	wsup020e	PEM	2,259	0.3	0.0	Open Cut
	71.1	02080208	wsuo011f	PFO	419	0.7	0.3	HDD
	71.2	02080208	wsuo011e	PEM	22	<0.1	0.0	HDD
	70.5	02080208	nwi_va_o_012	PEM	0	<0.1	0.0	NA
	70.3	02080208	nwi_va_o_012	PEM	0	<0.1	0.0	NA
	68.8	02080208	nwi_va_o_004	PFO	0	0.3	0.0	NA
	69.0	02080208	nwi_va_o_005	PFO	0	0.1	<0.1	Open Cut
	69.2	02080208	nwi_va_o_007	PFO	0	0.5	0.2	Open Cut
	70.6	02080208	nwi_va_o_010	PFO	0	0.1	<0.1	Open Cut



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## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
City of Chesapeake	69.8	02080208	nwi_va_o_010	PFO	0	6.9	1.1	Open Cut
	70.6	02080208	nwi_va_o_013	PFO	2,194	3.7	1.5	Open Cut
	69.0	02080208	nwi_va_o_006	PSS	0	0.1	0.0	NA
	71.8	02080208	wchr002f	PFO	7,177	10.6	4.9	Open Cut
	71.8	02080208	wchr002e	PEM	0	<0.1	0.0	NA
	71.8	02080208	wchr002f	PFO	0	<0.1	0.0	NA
	73.1	02080208	wchr002e	PEM	99	1.9	0.0	Open Cut
	73.1	02080208	wchr002f	PFO	1,681	2.9	1.2	Open Cut
	73.5	02080208	wchr002e	PEM	240	0.4	0.0	Open Cut
	73.5	02080208	wchr002f	PFO	586	1.0	0.4	Open Cut
	73.6	02080208	wchr002f	PFO	245	0.4	0.2	Open Cut
	73.7	02080208	wchr002f	PFO	1,431	2.5	1.0	Open Cut
	74.0	02080208	wchr002f	PFO	1,885	3.3	1.3	Open Cut
	74.3	02080208	wchr002f	PFO	3,853	6.6	2.6	Open Cut
	75.1	02080208	wchr001f	PFO	4,845	7.9	3.3	Open Cut
	76.0	02080208	nwi_va_i_008	PFO	233	0.4	0.2	Open Cut
	76.4	02080208	wcho001f	PFO	2,023	2.3	1.4	Open Cut
	76.9	02080208	wchc002f	PFO	179	0.2	0.1	Open Cut
	77.1	02080208	wchc001f	PFO	54	0.1	<0.1	Open Cut
	77.3	02080208	wcho002f	PFO	8	0.1	<0.1	Open Cut
	77.4	02080208	wcho004f	PFO	84	0.2	0.1	Open Cut
	77.4	02080208	wcho004f	PFO	49	0.1	<0.1	Open Cut
	77.9	02080208	wcho011e3	PEM	21	<0.1	0.0	HDD
	78.0	02080208	wcho011e3	PEM	34	0.1	0.0	Open Cut
	78.0	02080208	wcho011f3	PFO	602	1.1	0.4	Open Cut
	78.0	02080208	wcho011f3	PFO	0	<0.1	0.0	NA
	78.2	02080208	wcho011f	PFO	837	1.2	0.6	Open Cut
	78.5	02080208	wcho011e	PEM	394	1.3	0.0	Open Cut
	79.1	02080208	wcho008e	PEM	5	<0.1	0.0	HDD
	79.5	02080208	wcho005e	PEM	0	0.1	0.0	NA

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## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
	79.9	02080208	wcho009e	PEM	72	0.1	0.0	Open Cut
	79.9	02080208	wcho009f	PFO	0	0.1	0.0	NA
	80.4	02080208	wcho010e	PEM	1,594	1.7	0.0	Open Cut
	80.4	02080208	wcho010f	PFO	0	0.1	<0.1	Open Cut
	80.4	02080208	wchro001e	PEM	0	<0.1	0.0	Open Cut
	80.7	02080208	wcho010f	PFO	443	1.9	0.4	Open Cut
	80.8	02080208	wchro002e	PEM	487	1.0	0.0	Open Cut
	80.8	02080208	wchro002e	PEM	0	<0.1	0.0	NA
	80.8	02080208	wchro002e	PEM	0	<0.1	0.0	NA
	80.8	02080208	wchro002e	PEM	0	0.1	0.0	Open Cut
	80.9	02080208	wchro002f	PFO	305	0.4	0.1	Open Cut
	80.9	02080208	wchro002f	PFO	351	0.5	0.2	Open Cut
	80.9	02080208	wchro002f	PFO	0	<0.1	<0.1	Open Cut
	81.0	02080208	wchro002f	PFO	8	<0.1	<0.1	Open Cut
	81.0	02080208	wchro002e	PEM	0	0.1	0.0	Open Cut
	81.0	02080208	wcho012e	PEM	6	<0.1	0.0	Open Cut
	81.4	02080208	wcho014f	PFO	0	1.4	<0.1	Open Cut
	81.7	02080208	wcho016f	PFO	0	0.2	<0.1	Open Cut
	81.7	02080208	wcho017e	PEM	0	<0.1	0.0	NA
	81.8	02080208	wcho016e	PEM	319	0.4	0.0	HDD
	82.4	02080208	nwi_va_i_009	PFO	452	0.4	0.2	Open Cut
	82.5	02080208	nwi_va_n_007	PFO	63	0.1	<0.1	Open Cut
<b>AP-4</b>								
Virginia								
Brunswick County			None		0	0	0	NA
<b>AP-5</b>								
Virginia								
Greensville County			None		0	0	0	NA
<b>ABOVEGROUND FACILITIES</b>								
<b>Compressor Station 2</b>								

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## Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
Virginia								
Buckingham County	191.5	02080203	wbub050f	PFO	94	0.5	0.0	NA
	191.5	02080203	wbub050f	PFO	0	<0.1	0.0	NA
	191.5	02080203	wbub050e	PEM	0	0.8	0.0	NA
	191.8	02080203	wbub051s	PSS	0	1.3	0.0	NA
<b>Elizabeth River M&amp;R</b>								
Virginia								
City of Chesapeake	82.7	02080208	wcha001f	PFO	0	0.1	0.1	NA
<b>CONTRACTOR YARDS/PIPE YARDS</b>								
<b>AP-1</b>								
<b>CY Spr 03-A</b>								
Virginia								
Highland County	87.6	02080201	whic100e	PEM	0	0.2	0.0	NA
	87.6	02080201	whic101e1	PEM	0	<0.1	0.0	NA
	87.6	02080201	whic101e2	PEM	0	0.1	0.0	NA
	87.6	02080201	whic101s	PSS	0	<0.1	0.0	NA
<b>CY Spr 04-A</b>								
Virginia								
Highland County	109.0	02080201	whie003e	PEM	0	0.4	0.0	NA
	109.0	02080201	whie005e	PEM	0	<0.1	0.0	NA
	109.0	02080201	whie006e	PEM	0	<0.1	0.0	NA
<b>CY GWNF-6 Spr 04-A</b>								
Virginia								
Augusta County	109.1	02080202	wauf002e	PEM	0	<0.1	0.0	NA
	109.1	02080202	wauf002e	PEM	0	<0.1	0.0	NA
	109.2	02080202	wauf002e	PEM	0	0.1	0.0	NA
	109.2	02080202	wauf001e	PEM	0	0.6	0.0	NA
<b>CY Spr 07-B</b>								
Virginia								
Brunswick County	274.8	03010204	wgrc106e	PEM	0	<0.1	0.0	NA

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**Wetlands Crossed and Crossing Methods for the Atlantic Coast Pipeline within Virginia**

Facility/State or Commonwealth/ County or City	Approximate Milepost	Hydrologic Unit Code (HUC8)	Unique ID	Cowardin Classification <sup>a</sup>	Crossing Length (feet) <sup>b</sup>	Temporary Construction Impacts (acres) <sup>c</sup>	Operation Impacts (acres) <sup>d</sup>	Construction Method <sup>e, f</sup>
	274.9	03010204	wgrc107e	PEM	0	0.1	0.0	NA

<sup>a</sup> Wetland types according to Cowardin et al. (1979):

- PFO = palustrine forested
- PSS = palustrine scrub-shrub
- PEM = palustrine emergent
- PUB = palustrine unconsolidated bottom
- E = estuarine
- R = riverine

<sup>b</sup> The crossing length is the measure of the distance of the centerline through the wetland. It does not include feet crossed outside the centerline. A value of 0 indicates that the centerline does not cross the wetland.

<sup>c</sup> Temporary wetland impacts associated with the construction right-of-way (includes permanent impacts, temporary impacts, ATWS impacts, ground bed impacts and water impoundment impacts).

<sup>d</sup> Operational impacts are associated with scrub-shrub and forested wetlands. Operational requirements allow a 10-foot-wide corridor centered over the pipeline to be maintained in an herbaceous state, and for the removal of trees within 15 feet on either side of the pipeline. To determine conversion impacts on scrub-shrub wetlands, a 10-foot-wide corridor centered over the pipeline was assessed. A 30-foot-wide corridor centered over the pipeline was assessed for forested wetlands. Because the easement will be maintained in an herbaceous state, there will be no operational impacts on emergent wetlands.

<sup>e</sup> Pending the results of geotechnical investigations and final engineering, Atlantic is evaluating use of the HDD method to cross six waterbodies, a water impoundment area, two highways, and the Appalachian Trail/Blue Ridge Parkway. Use of the HDD method would avoid these features as well as adjacent wetlands and riparian areas. If successfully implemented, the HDD method would avoid impacts on the adjacent wetlands, including wetlands identified in this table.

<sup>f</sup> NA = wetland occurs within workspace but is not crossed by the centerline, trenching thru the wetland is not expected.

Note: The totals shown in this table may not equal the sum of addends due to rounding.